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Group 2700

Atty Dkt: 1247/A38

Date: February 14, 2000

Invention: GRAPHICS PROCESSOR WITH TEXTURE MEMORY ALLOCATION SYSTEM

## U.S. Documents

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Examiner: Daniel J Chang

Date Considered: 3/20/01

NOTE FOR EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance AND not considered. Include copy of this form with next communication to applicant.

### Foreign Patent Documents

<u>Exam. Ref.</u> <u>Init. No.</u>	<u>Document</u> <u>Number</u>	<u>Issue</u> <u>Date</u>	<u>Country</u>
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### Other Documents

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Init.   No.   Name

- CI   "A Fine Grained Data Flow Machine and Its Concurrent Execution Mechanism," Iwashita et al., C&C Information Technology Research Labs, April 1989, pp. 63-72.
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- CL   "Effective Cache Mechanism for Texture Mapping," IBM Technical Disclosure Bulletin, Vol. 39, No. 12, December 1996, pp. 213-217.
- CM   "Advanced Raster Graphics Architecture," XP-002118066, pp.890-893.
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- CO   "Address Munging Support in a Memory Controller/PCI Host Bridge for the PowerPC 603 CPU Operating in 32-Bit Data Mode," IBM Technical Disclosure Bulletin, Vol. 38, No. 09, September 1995, pp. 237-240.
- CP   "One Frame Ahead: Frame Buffer Management for Animation and Real-Time Graphics," XP-000749898, Auel et al., Tektronix Inc., pp. 43-50.
- CQ   "Efficient Alias-Free Rendering Using Bit-Masks and Look-Up Tables," Abram et al., The University of North Carolina at Chapel Hill, XP-002115680, July 1985, pp. 53-59
- CR   "A New Simple and Efficient Antialiasing with Subpixel Masks," Schilling et al., Computer Graphics, Vol. 25, No. 4, July 1991, pp. 133-141.

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- CS "A Multiprocessor System Utilizing Enhanced DSP's for Image Progressing," Ueda et al., XP 2028756, pp. 611-619.
- CT "The Reyes Image Rendering Architecture," Cook et al., Computer Graphics, Vol. 21, No. 4, July 1987, pp. 95-102.
- CU "The Accumulation Buffer: Hardware Support for High-Quality Rendering," Haeberli et al., Computer Graphics, Vol. 24, No. 4, August 1990, pp. 309-318.
- CV "Advanced Animation and Rendering Techniques," Watt et al., ACM Press, New York, New York, pp.127-137.
- CW "The A-Buffer, an Antialiased Hidden Surface Method, Carpenter, Loren, Computer Graphics, Vol. 18, No. 3, July 1984, pp. 13-18.

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Date Considered:\_\_\_\_\_

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## Section 6. Copies of Listed Information Items Accompanying This Statement

NOTE: 37 C.F.R. 1.98(a)(2) requires that any information disclosure statement filed under § 1.97 shall include: "A legible copy of: (i) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included . . ."

NOTE: The wording in § 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

Legible copies of all items listed in Form PTO-1449 (PTO/SB/08A and 08B) accompany this information statement.

(complete the following, if applicable)

☐ Exception(s) to above:

- ☐ Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
- ☐ Cumulative patents or publications identified in Section 5.

(Information Disclosure Statement—Section 6. Copies of Listed Information Items Accompanying This Statement [6-1]—page 9 of 10)

**Section 10. Identification of Person(s) Making THIS INFORMATION DISCLOSURE STATEMENT**

The person making this statement is

*(check each applicable item)*

- (a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
*(type name of inventor who is signing)*

- (b) ☐ an individual associated with the filing and prosecution of this application (37 C.F.R. 1.56(c))

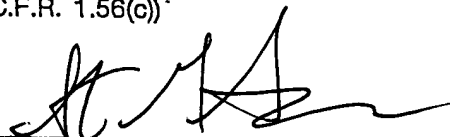
\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
*(type name of inventor who is signing)*

- (c) ☒ the attorney who signs below on the basis of the information:

*(check each applicable item)*

- ☐ supplied by the inventor(s).  
☐ supplied by an individual associated with the filing and prosecution of this application. (37 C.F.R. 1.56(c))  
☒ In the attorney's file.



\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

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*(type or print name of practitioner)*

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(Information Disclosure Statement—Section 10. Identification of Person(s) Making This Information Disclosure Statement [6-1]—page 10 of 10)